

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/002808

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl.⁷ H03F3/34, H04B1/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.⁷ H03F3/34, H04B1/16

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2003-152666 A (Niigata Seimitsu Co., Ltd.), 23 May, 2003 (23.05.03), Fig. 2 (Family: none)	1-9
A	JP 2000-222054 A (Samsung Electronics Co., Ltd.), 11 August, 2000 (11.08.00), Fig. 1 & US 6160393 A1 & DE 19958438 A1 & CN 1264067 A & TW 460765 B	1-9
A	JP 63-175540 A (NEC Corp.), 19 July, 1988 (19.07.88), Fig. 1 (Family: none)	1-9

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search
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21 June, 2005 (21.06.05)

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Japanese Patent Office

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